

Archives of Case Reports

Volume - 8, Issue - 3

Short Communication

Published Date:-2024-10-24 09:53:55

[Advances in Physiological Research: Consideration on Arterial Hypercapnia in Acute Cardiogenic Pulmonary Edema \(ACPE\)](#)

The causes of hypercapnia in Acute Cardiogenic Pulmonary Edema are still unknown. Our hypothesis recognizes an alteration of the ventilation-perfusion ratio in the apical areas of the lung as the major cause. The redistribution of blood to the apical lung zone in hypertensive pulmonary circulation determines an excess of perfusion compared to ventilation and consequently hypercapnia. Our suggestion might be in favor of Bilevel-PAP over Continuous Positive Airway Pressure (CPAP) as the first line of therapy.

Case Report

Published Date:-2024-10-22 14:56:23

[Is Acupuncture Efficient for Treating Long COVID? Case Reports](#)

Long COVID can be defined as a set of symptoms appearing more than 28 days after a documented acute COVID-19. Among them, extreme fatigue and troubles of moods are the most common. To verify that acupuncture can efficiently alleviate long COVID, a chronic disease partly escaping to other treatments, especially fatigue and troubles of mood. To collect data pertaining to the patients included in the study as described in the STROBE guideline. To diagnose the clinical conditions of the patients using the Nan jing in order to choose the meridian and the points to be toned or dispersed depending on the observation of tongue and pulse. Acupuncture can greatly improve the troubles of patients suffering from long COVID after a reduced number of sessions (1 to 4).

Research Article

Published Date:-2024-10-21 14:36:29

[The Impact of Globalization on World Nations: A Study on Protection, Welfare, and Producer Gain](#)

This paper examines the effects of globalization on nations, focusing on economic, social, and cultural dimensions. It analyzes the roles of protectionism and globalization in shaping consumer welfare and producer earnings through qualitative methods and the Customs Union theory framework. The study discusses the benefits and drawbacks of globalization in the context of World Trade Organization (WTO) regulations.

The findings indicate that globalization has intensified financial flows between countries, which can exacerbate economic crises. Countries with abundant human resources can capitalize on the international division of labor to specialize in high-value sectors, while those with limited resources risk falling behind in the digital landscape. This division of labor fosters specialization and improves production efficiency through targeted education.

However, multinational corporations often impede cost-effective production in developing nations, underscoring the necessity to restructure research and development to facilitate technology adoption in underdeveloped areas. This restructuring can help close the technological gap and encourage equitable participation in the global economy.

Jel code Classification: D6: Welfare economics, Fo1 Global outlook, F40: General F4: Macroeconomics aspects of international trade and finance

Case Report

Published Date:-2024-10-17 16:38:58

[A Rare Case of Cutaneous Angioleiomyoma: A Case Report](#)

Cutaneous Angioleiomyoma is a very rare benign tumour of which incidence is unknown.

We report a case of a 42-year-old male patient who presented with a symptomless solitary nodule over the left nostril for one and a half years duration.

Complete surgical excision of the tumour was done and the sample was sent for histopathological examination. Diagnosis of this tumour was done on the evidence of histopathological examination with haematoxylin and eosin mounts.

Sometimes achieving the best aesthetically accepted results may be challenging due to the site of involvement.

Case Report

Published Date:-2024-10-08 12:33:52

[A Cutaneous Metastasis of Bladder Cancer: A Case Report](#)

Usually affecting men in the sixth decade bladder cancer is generally revealed by hematuria or lower urinary tract symptoms. Cutaneous metastases are very rare in genitourinary tumors representing only 1.34% of cutaneous metastases of other neoplasms. The presence of cutaneous metastases is associated with a poor prognosis with a median survival of fewer than 12 months.

We reported the case of a 65-year-old man current smoker who presented a cutaneous metastasis of urothelial bladder cancer confirmed after a cutaneous biopsy, palliative chemotherapy was initiated after multidisciplinary staff.

Research Article

Published Date:-2024-10-07 12:29:32

[Forecasting Soil Moisture in Caragana Shrubland Using Wavelet Analysis and NARX Neural Network](#)

It is important for sustainable use of soil water resource and high-quality development to forecast the soil moisture in forestland of water-limited regions. There are some soil water models. However, there is not the best model to forecast the change of soil moisture in the caragana shrubland. In this paper, the plant water relationship has been investigated at the same time for a long term in the caragana shrubland of semiarid region of the Loess Plateau of China. The data of soil moisture was divided and then NARX neural network was used to build model I and model II. For model I, low frequency component was the input variable, and for model II, low frequency component and high frequency component were predicted. The results showed the average relative error for model I is 3.5% and for model II is 0.3%. The average relative error of predicted soil moisture in 100 cm layer using model II is 0.8%, then soil water content in the 40 cm and 200 cm soil depth is selected and the forecast errors are 4.9% and 0.4%. The results showed that using model II to predict soil water is well Predicting soil water using model II will be important for sustainable use of soil water resource and high-quality development.

Case Report

Published Date:-2024-09-25 10:18:06

[Advancements in Clinical Research: Phases, Ethical Considerations, and Technological Innovations](#)

Background: Clinical research is a vital component of medical advancements, contributing to the discovery of new treatments, procedures, and health interventions. This paper discusses the importance of clinical trials, the structure and phases of trials, ethical considerations in research, and the role of modern technologies in reshaping clinical trials.

Objective: This article aims to provide a comprehensive overview of the clinical trial process, ethical compliance, and the integration of technological advancements, with real-world examples and recent studies to support the discussion.

Methods: The article provides a descriptive analysis of the different types of clinical research, the various phases of clinical trials, and ethical considerations based on established guidelines such as the Declaration of Helsinki and the Belmont Report. It also examines how recent technological innovations, including AI, wearable devices, and Electronic Health Records (EHRs), have revolutionized the field.

Results: The integration of technology into clinical research has resulted in more efficient, data-driven, and patient-centric trials. Ethical compliance, guided by international regulations, remains a critical factor in ensuring patient safety and maintaining public trust in clinical research.

Conclusion: The future of clinical research relies heavily on technological innovation and strict adherence to ethical guidelines. As new treatments and therapies emerge, the structure of trials and the responsible use of technology will play an essential role in shaping the future of healthcare.

Case Report

Published Date:-2024-09-23 15:14:20

[Ciliated Hepatic Cyst: Report of a Case and Review of the Literature](#)

The ciliated hepatic cyst of the anterior intestine is a less frequent benign entity that arises from the alteration in the migration of embryological remains. Most of them are found in the left lobe of the liver, especially in segment IV. Its wall is covered by a pseudostratified ciliated columnar epithelium, a layer of connective tissue, smooth muscle, and a surrounding fibrous outer layer. We present the case of a 61-year-old man who, in the context of a scheduled admission for drainage of an intraabdominal abscess, was incidentally discovered to have a hepatic lesion of cystic aspect. The anatomopathological diagnosis was that of a ciliated hepatic cyst. Due to its low frequency in clinical practice (in part due to its incidental character), a review of the case and a review in the literature of the peculiarities of said entity are proposed.

Case Report

Published Date:-2024-09-10 11:42:33

[En Bloc Palmar Desquamation in Extensive Chickenpox](#)

A 25-year-old man presented with fever and rash which progressed to extensive vesicular eruptions all over the body by the 4th day (Figure 1A).
